



Sheet 1 of 1

FORM PTO-1449	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1220.1001	APPLICATION NO. 10/589,437
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Kenichi SHIRAISHI	
		FILING DATE August 15, 2006	GROUP ART UNIT

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	2001/0055101	12-27-2001	Hayashi			
	AB	2001/0019399	9-6-2001	Hagiwara			
	AC	2005/0024609	2-3-2005	De Smit et al.			
	AD						
	AE						
	AF						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES    NO	ABSTRACT
	AG	6-124873	5-6-1994	JAPAN	X	YES
	AH	11-233406	8-27-1999	JAPAN	X	YES
	AI	2001-345263	12-14-2001	JAPAN	X	YES
	AJ	9-283430	10-31-1997	JAPAN	X	YES
	AK	2005-5713	1-6-2005	JAPAN	X	YES
	AL	WO 2005/081292	9-1-2005	WIPO	X	YES

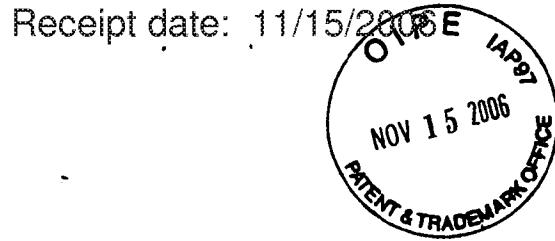
**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

TRANSLATION YES    NO

AM		
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EXAMINER /Mesfin Asfaw/	DATE CONSIDERED 01/07/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



10589437 - GAU: 2851

**ATTACHMENT 1(e)**

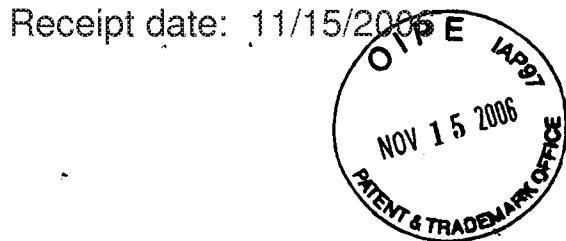
	ATTORNEY DOCKET NO.	APPLICATION NO.
<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	1220.1001	10/589,437
	FIRST NAMED INVENTOR	
	Kenichi SHIRAISHI	
	FILING DATE	GROUP ART UNIT
	August 15, 2006	

PCT Search Report dated February 17, 2005, for PCT Patent Application No. PCT/JP2005/002461 cites AA, AB, AC, AG, AH, AI, AJ and AK.

US 2001/0055101 corresponds to JP 2001-345263.

US 2001/0019399 corresponds to JP 9-283430.

US 2005/0024609 corresponds to JP 2005-5713.



Receipt date: 11/15/2006 10589437 - GAU: 2851

**ATTACHMENT 1(g)**

<b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1220.1001	10/589,437
	FIRST NAMED INVENTOR	
	Kenichi SHIRAISSI	

FILING DATE

GROUP/ART UNIT

August 15, 2006

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

**This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES    NO
	AC						
	AD						

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

TRANSLATION YES    NO
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AE	PCT Search Report dated February 17, 2005, for related priority PCT Patent Application No. PCT/JP2005/002461.		X
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EXAMINER /Mesfin Asfaw/	DATE CONSIDERED 01/07/2009
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\*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.